

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

MARCH 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: September 27, 2005

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			189,622							
1	13,800	180,141	193,941	2.4208	336,059	813,531	486,469			4,066,000
2	14,440	184,244	198,684	2.4564	331,316	813,844	486,156			4,066,000
3	12,376	188,750	201,126	2.4920	328,874	819,554	480,446			4,072,000
4	10,943	191,070	202,013	2.5276	327,987	829,021	470,979			4,081,000
5	11,487	191,912	203,399	2.5632	326,601	837,144	462,856			4,089,000
6	10,526	193,229	203,755	2.5988	326,245	847,845	452,155			4,100,000
7	9,940	193,567	203,507	2.6344	326,493	860,112	439,888			4,112,000
8	9,650	193,332	202,982	2.6700	327,018	873,138	426,862			4,125,000
9	9,919	192,833	202,752	2.7056	327,248	885,403	414,597			4,137,000
10	9,011	192,614	201,625	2.7412	328,375	900,141	399,859			4,152,000
11	8,448	191,544	199,992	2.7768	330,008	916,366	383,634			4,168,000
12	8,249	189,992	198,241	2.8124	331,759	933,038	366,962			4,185,000
13	8,398	188,329	196,727	2.8480	333,273	949,161	350,839			4,201,000
14	9,176	186,891	196,067	2.8836	333,933	962,929	337,071			4,215,000
15	7,533	186,264	193,797	2.9192	336,203	981,445	318,555			4,233,000
16	7,622	184,107	191,729	2.9548	338,271	999,524	300,476			4,252,000
17	7,252	182,142	189,394	2.9904	340,606	1,018,547	281,453			4,271,000
18	7,804	179,925	187,729	3.0260	342,271	1,035,713	264,287			4,288,000
19	11,680	178,342	190,022	3.0616	339,978	1,040,876	259,124			4,293,000
20	13,591	180,521	194,112	3.0972	335,888	1,040,312	259,688			4,292,000
21	16,762	184,406	201,168	3.0972	328,832	1,018,457	281,543	14,943	266,600	4,285,000
22	29,736	191,110	220,846	3.0972	309,154	957,512	342,488	29,886	312,602	4,240,000
23	25,451	209,804	235,255	3.0972	294,745	912,885	387,115	44,829	342,286	4,210,000
24	18,951	223,492	242,443	3.0972	287,557	890,621	409,379	59,772	349,607	4,203,000
25	15,702	230,321	246,023	3.0972	283,977	879,534	420,466	74,715	345,751	4,207,000
26	13,703	233,722	247,425	3.0972	282,575	875,192	424,808	89,658	335,150	4,217,000
27	18,336	235,053	253,389	3.0972	276,611	856,718	443,282	104,601	338,681	4,214,000
28	18,257	240,720	258,977	3.0972	271,023	839,412	460,588	119,544	341,044	4,211,000
29	15,711	246,028	261,739	3.0972	268,261	830,857	469,143	134,487	334,656	4,217,000
30	14,276	248,652	262,928	3.0972	267,072	827,175	472,825	149,430	323,395	4,228,000
31	12,878	249,782	262,660	3.0972	267,340	828,006	471,994	164,373	307,621	4,244,000

COMMENTS:

* LEAP YEAR CONSTANT = .0352

CONSTANT .0356 = 1,300,000 / (TOTAL DAYS X (530,000 - 110,000))

IF COL 3 IS GREATER THAN 530,000 OR LESS THAN 110,000 USE THOSE VALUES FOR COL 3 INSTEAD OF THE COMPUTED VALUE